

**William J. Braniff, PE**  
**Project Manager**

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**Education**

BS, Civil Engineering, Michigan Technological University, 1983

**Professional Registrations**

Professional Engineer, Florida, 40057, 1988

**Experience Summary**

Mr. **Braniff** has 20 years of experience in construction management and construction contract administration. He has served as resident engineer, project engineer, office engineer, and inspector for the construction of Florida Department of Transportation projects, which encompass heavy civil, highway, bridge, facility, and vertical construction contracts.

**Project Experience**

**Florida DOT, Homestead Extension, Bird Road Toll Plaza Expansion, Florida's Turnpike, Miami, Florida.** Served as **resident engineer** for construction of four new toll plazas on the turnpike, two of which are ten lanes wide, along with roadway construction; bridge construction; drainage, lighting and signalization construction. Provided quality control and quality assurance for all phases of the project from bid and award of the construction contract through project start-up, construction completion, and project close-out. Prepared correspondence, negotiated change orders and prepared the associated contract modifications, provided construction claims avoidance and analysis, prepared value earned progress payments, and participated in project partnering agreements. Acted as primary representative through disputes resolution hearing process.

**Florida DOT, Homestead Extension, Allapattah Road and Biscayne Drive Toll Plazas, Florida's Turnpike, Miami, Florida.** Served as **resident engineer** for construction of four new toll plazas, along with bridge widening and roadway construction. Provided quality control and quality assurance for all phases of the project from bid and award of the construction contract through project start-up, construction completion, and project close-out. Prepared correspondence, negotiated change orders and prepared the associated contract modifications, provided construction claims avoidance and analysis, prepared value earned progress payments, and participated in project partnering agreements. Acted as primary representative through disputes resolution hearing process.

**Florida DOT, Homestead Extension, Florida's Turnpike, Coral Reef Drive Toll Plazas, Miami, Florida.** Served as **resident engineer** for the construction of two new toll plazas, including roadway, drainage, and lighting construction. Provided quality control and quality assurance for all phases of the project from bid and award of the construction contract through project start-up, construction completion, and project close-out. Prepared correspondence, negotiated change orders and prepared the associated contract modifications, provided construction claims avoidance and analysis, prepared value earned progress payments, and participated in project partnering agreements. Acted as primary representative through disputes resolution hearing process.

**Florida DOT, Homestead Extension, Florida's Turnpike, S.W. 8th Street Toll Plazas, Miami, Florida.** Served as **resident engineer** for the construction of two new toll plazas, which included demolition of the existing facilities along with roadway, drainage, lighting, and signalization construction. Provided quality control and quality assurance for all phases of the project from bid and award of the construction contract through project start-up, construction completion, and project close-out. Prepared correspondence, negotiated change orders and prepared the associated contract modifications, provided construction claims avoidance and analysis, prepared value earned progress payments, and participated in project partnering agreements. Acted as primary representative through disputes resolution hearing process.

**Florida DOT, Homestead Extension Florida's Turnpike, Okeechobee Mainline Barrier Toll Plaza, Miami, Florida.** Served as **resident engineer** for widening from 10 to 16 lanes and renovation of existing toll collection facility, widening of mainline Turnpike including drainage and lighting. Provided quality control and quality assurance for all phases of the project from bid and award of the construction contract through project start-up, construction completion, and project close-out. Prepared correspondence, negotiated change orders and prepared the associated contract modifications, provided construction claims avoidance and analysis, prepared value earned progress payments, and participated in project partnering agreements. Acted as primary representative through disputes resolution hearing process.

**Florida DOT, Homestead Extension, Florida's Turnpike, N.W. 41st Street Interchange, Miami, Florida.** Served as **resident engineer** for the construction of an interchange, which included construction of more than two miles of roadway, two toll plazas, drainage, lighting, signalization, and bridge construction. Provided quality control and quality assurance for all phases of the project from bid and award of the construction contract through project start-up, construction completion, and project close-out. Prepared correspondence, negotiated change orders and prepared the associated contract modifications, provided construction claims avoidance and analysis, prepared value earned progress payments, and participated in project partnering agreements. Acted as primary representative through disputes resolution hearing process.

**Florida DOT, I-95 Widening, Miami, Florida.** Served as **resident engineer** for the widening of 2.5 miles of I-95, which involved 10 bridge widenings and was carried out in a highly urbanized and commercially developed area with complex maintenance of traffic

requirements. Provided quality control and quality assurance for all phases of the project from bid and award of the construction contract through project start-up, construction completion, and project close-out. Prepared correspondence, negotiated change orders and prepared the associated contract modifications, provided construction claims avoidance and analysis, prepared value earned progress payments, and participated in project partnering agreements. Acted as primary representative through disputes resolution hearing process.

**Florida DOT, I-595 Expansion, Fort Lauderdale, Florida.** Inspector and office engineer for the construction of three miles of 6-lane roadway in an urban, commercial, area. Conducted sampling and testing of construction materials, analysis of claims, processing of pay estimates, and final verification of pay quantities.

**Glades County Boat Ramp, Moore Haven, Florida.** Designed public boat ramp facility and acted as construction manager for the construction of the boat ramp on Lake Okeechobee. Coordinated with state Senator to procure funding, and met with SFWMD representatives during design. Supervised county employees and subcontractors during construction and developed contract documents for subcontractors.

**Holiday Park Boat Ramp, Fort Lauderdale, Florida.** Designed public boat ramp facilities on the Everglades. Prepared bid packages for construction, and provided construction inspection services. Project was funded by the Florida Game and Fresh Water Fish Commission.

**Various Inspection Projects, Orlando, Florida** Conducted inspections of water supply facilities, wells, storage tanks, underground piping and treatment plants. Inspected roadway reconstruction, various locations. Conducted inspection and testing of concrete, foundations, piling, soils and compaction density and analysis of foundation structures.

**Various Design Projects, Lehigh Acres, Florida.** Design Engineer for building components such as footings, columns, beams, walls, floors. Prepared development permitting packages and planning and zoning change applications. Prepared technical and price proposals to secure public and private sector work.

**Various City Construction Projects, Coopersville, Michigan.** As Assistant City Engineer, supervised the inspection of city construction projects for underground utilities and roadways. Coordinated with county, state, and federal agencies concerning the design, construction and inspection of various city projects.

### **Special Training**

IMSA Work Zone Safety Certified - Level II

CPN Nuclear Gauge Certified

Traffic Safety in the Workplace Certification - Dade County

FHWA Certification in Design and Operation of Work Zone Traffic Control

FDOT Final Estimates Certification

FDOT Training Certification in Construction Contract Interpretation  
FDOT Training Certification in Multiline Earthwork - Basic, Intermediate, Advanced  
Prestressed Piling Seminar Certification

### **Professional Memberships**

Florida Engineering Society  
Project Management Institute Member

### **Employment History**

1991 - present, Earth Tech, Project Manager and Resident Engineer  
1985 - 1991, Aim Engineering and Surveying, Project Manager and Resident Engineer,  
Office Engineer / Inspector  
1984 - 1985, Howard, Needles, Tammen, and Bergendorff, Inspector  
1983 - 1984, Carlander and Associates, Inspector  
1981 - 1982, City of Coopersville, Michigan, Assistant City Engineer